

UC Advanced Networking Services Work Group

ITGC CI Advisory Group
May 19, 2006

Jack McCredie, Chair

Status: **Advanced Networking Services Work Group**

- *Purpose :*
 - Evaluate the current state of the UC networking infrastructure
 - Identify the best in global networking activities
 - Position UC for competitive advantage on a global basis
 - Identify segment users and service models (including network management capability)
 - Develop the recommended architecture for the next generation UC network infrastructure
 - Estimate costs of network upgrade options
 - Identify and recommend rational UC funding models

Status: **Advanced Networking Services Work Group – Current membership**

- *Jack McCredie, Chair*
- *Mark Boolootian, UCSC*
- *John Haskins, UCSB*
- *Jerry Keith, UCR*
- *Ken Lindahl, UCB*
- *Cliff Frost, Liaison coordination, UCB*
- *Jim Madden, UCSD*
- *Michael Sinatra, UCB*
- *Michael Van Norman, UCLA*
- *David Walker, UCOP*
- *David Messerschmitt, Faculty research advisor, UCB*

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- Consultation to include:
 - University-wide Communications Planning Group (CPG)
 - IT Leadership Council
 - Research Computing Group (RCG)
 - Faculty Cyber infrastructure Advisory group
 - ITTP (Academic Senate IT Committee)
 - Campus research computing groups
 - CENIC
 - Internet2 and NLR

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- Phase I activities to include:
 - UC Campus networking survey
 - Develop a white paper describing the evolving plans of key networking partners, such as
 - CENIC
 - Internet2
 - NLR
 - ESnet
 - Networks outside the United States, etc.
 - Outline the broad networking infrastructure that UC must maintain to be a strong partner in this global environment – what gaps may exist for UC?

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- Phase II activities to include:
 - Circulate and gather feedback of white paper from all campus constituencies that are interested
 - Based on the findings and responses to this white paper, coordinate a process to identify what specific needs of different segments of the UC community will, and will not, be met by this proposed environment
 - Develop a set of investment models for the ITGC to show what additional resources will be needed to meet different needs

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- Follow our progress on the Group Wiki

<http://www.ucop.edu:8080/x/WAM>